CLAIMS

1. A system for accessing a programmable automatism unit (10) based on a WAP architecture, for
5   at least a standalone communicating mobile device (40), such as a portable telephone, which integrates a navigator (41) complying with WAP architecture, wherein the automatism unit (10) includes one or several pieces of automatism equipment, characterized by the fact that
10   this system includes:

-a Web server (20), embedded in a piece of automatism equipment of the automatism unit (10), capable of generating static or dynamic informative data coded according to the WML language, whereby such
15   informative data may provide functions for monitoring, viewing and controlling the automatism unit,

-a network interface (30), connected to the Web server (20) by a global network (25) of the Internet, Intranet or Extranet type which authorizes access to
20   said informative data from the WAP navigator (41) of a communicating mobile device (40) through a wireless network (35), in such a way that a user of such a WAP navigator (41) may access functions for monitoring, viewing and controlling the automatism unit (10).

25   2. The access system according to claim 1, characterized by the fact that the network interface (30) comprises a WAP gateway (31) which, upon receiving from the Web server (20) informative data according to WML source contents, transforms them into compiled WML
30   contents before transmitting them to a communicating mobile device (40).

3. The access system according to claim 1, wherein the automatism unit (10) comprises at least an industrial automaton (11) having a central processing unit, characterized by the fact that the Web server

5 (20) is either embedded in the central processing unit of the automaton (11) or embedded in an automaton module connected to the central processing unit of the automaton (11).

4. The access system according to claim 1, wherein

10 the automatism unit (10) comprises several industrial automata (11) having a central processing unit and access to a local or global automatism network (15), characterized by the fact that the Web server (20) is connected to the automatism network (15) in order to be

15 able to communicate with the central processing units of these automata (11).

5. The access system according to claim 2, characterized by the fact that the Web server (20) may receive through the network interface (30), a WAP

20 command (33) as a HTTP request specifying a URL address optionally associated with parameters which may notably contain complementary requests and, on answering this WAP command, the Web server (20) generates static or dynamic informative data in WML languages which may

25 provide the user of a WAP navigator (41) implemented in a communicating mobile device (40), with functions for monitoring, viewing and controlling the automatism unit (10).

6. The access system according to claim 2,

30 characterized by the fact that the Web server (20) may send, on its own initiative or on the initiative of the

automatism unit (10), a notification (22) to at least a communicating mobile device (40) by using the "Push Access Protocol" as defined in WAP architecture, so that the user of a WAP navigator (41) implemented in a communicating mobile device may be informed on events or conditions concerning the automatism unit.

7. The access system according to claim 6, characterized by the fact that the Web server (20) includes in the notification (22) a list of addressees which stems from an addressee directory stored in a local memory or in a remote memory on the global network (25).

8. A programmable automatism unit characterized by the fact that it enables at least a mobile device (40) communicating through a wireless network (35) and integrating a WAP navigator (41), to access functions for monitoring, viewing and controlling the automatism unit (10) according to any of the preceding claims.